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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION	See Notification	on of Transmittal of International xamination Report (Form PCT/IPEA/416)	
325.0194PCT	International filing date (day/m		Priority date (day/month/year)	
International application No.	International fifting date (day)	with year)	-	
PCT/US03/21194	03 July 2003 (03.07.2003)		03 July 2002 (03.07.2002)	
International Patent Classification (IPC)	or national classification and IPC	;		
IPC(7): B01D 53/14 and US Cl.: 96/242	; 95/168,181,183,235,236; 423/	228,229		
Applicant				
FLUOR CORPORATION				
This international preliming Examining Authority and	is transmitted to the applican	t according to A		
2. This REPORT consists of	a total of 3 sheets, including	ng this cover she	eet.	
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).				
These annexes consist of	a total of sheets.			
3. This report contains indic	cations relating to the following	ng items:		
	_			
I Basis of the re	port			
II Priority			t	
III Non-establishn	Industrial applicability			
IV Lack of unity	IV Lack of unity of invention			
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
VI Certain documents cited				
VII Certain defects in the international application				
VIII Certain observations on the international application				
	Tr	Pate of completion	on of this report	
Date of submission of the demand		_		
05 February 2004 (05.02.2004)	1	8 June 2004 (18.0	6.2004)	
Name and mailing address of the IPEA/US		Anthorized officer /		
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents		Duane S. Smith	Wey -	
P.O. Box 1450 Alexandria, Virginia 22313-1450		elephone No. 57	1-272-0987	
Facsimile No. (703) 305-3230				
Form PCT/IPEA/409 (cover sheet)(July	1770]			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/US03/21194	

I.	Basi	s of the report			
1.	With	regard to the elements of the international application:*			
		the international application as originally filed.			
	\boxtimes	the description:			
		pages 1-15 as originally filed			
		pages NONE , filed with the demand			
		pages NONE, filed with the letter of			
	\boxtimes	the claims:			
		pages NONE, as originally filed, as amended (together with any statement) under Article 19			
		pages NONE, as amended (together with any statement) under Article 19 pages NONE, filed with the demand			
		pages 16-18 , filed with the letter of 27 April 2004 (27.04.2004)			
	\boxtimes	the drawings:			
	سع	pages 1-4, as originally filed			
		pages NONE , filed with the demand			
	_	pages NONE , filed with the letter of			
		the sequence listing part of the description:			
		pages NONE, as originally filed			
		pages NONE , filed with the demand pages NONE , filed with the letter of			
2	₩.	h regard to the language, all the elements marked above were available or furnished to this Authority in the			
۷.	lane	uage in which the international application was filed, unless otherwise indicated under this item.			
	The	se elements were available or furnished to this Authority in the following language which is:			
	П	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).			
	П	the language of publication of the international application (under Rule 48.3(b)).			
		the language of the translation furnished for the purposes of international preliminary examination (under Rules			
		55.2 and/or 55.3).			
3.	Wit	h regard to any nucleotide and/or amino acid sequence disclosed in the international application, the			
	inte	rnational preliminary examination was carried out on the basis of the sequence listing:			
	\vdash	contained in the international application in printed form.			
	<u></u>	filed together with the international application in computer readable form.			
		furnished subsequently to this Authority in written form.			
		furnished subsequently to this Authority in computer readable form.			
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the			
		international application as filed has been furnished.			
		The statement that the information recorded in computer readable form is identical to the written sequence listing			
		has been furnished.			
4.	\boxtimes	The amendments have resulted in the cancellation of:			
		the description, pages NONE			
		the claims, Nos. 2			
		the drawings, sheets/ fig NONE			
_ [This report has been established as if (some of) the amendments had not been made, since they have been considered to go			
ا ا	<u></u>	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**			
*	* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in				
th	this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).				
**	** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.				
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US03/21194

v.	Reasoned statement under Rule 66.2(a)(citations and explanations supporting su		d to novelty	, inventive step or industrial applicability;
1.	STATEMENT			·
	Novelty (N)	Claims	1, 3-20	YES
	• • • • • • • • • • • • • • • • • • • •	Claims	NONE	No
	Inventive Step (IS)	Claims	1,3-20	YES
	• • •	Claims	NONE	No
	Industrial Applicability (IA)	Claims	1-20	YES
	•	Claims	NONE	NO

2. CITATIONS AND EXPLANATIONS

Claims 1,3-20 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the claimed features as disclosed in instant claims 1 of a plant having a absorber that removes an acid gas from a feed gas receiving a lean solvent and a semi-lean solvent, thereby producing a semi-rich solvent and a rich solvent; a first regenerator that receives a first portion of the rich solvent thereby producing the lean solvent that is fed to the absorber and a first regenerator overhead; a second regenerator that receives a second portion of the rich solvent, thereby producing the semi-lean solvent that is fed to the absorber and second regenerator overhead; wherein the second portion of the rich solvent is preheated in a heat exchanger against the lean solvent from the first regenerator; and wherein the second regenerator overhead and the semi-lean solvent that is fed to the absorber are substantially produced from the second portion of the rich solvent.

Claims 1-20 meet the criteria set out in PCT Article 33(4), and thus the plant for removing acid gases from a feed gas has industrial applicability because the subject matter claimed can be made or used in industry.